

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76)**

Electronic Version v11

Stylesheet Version v10

**Title of  
Invention**

SENDING ELECTRONIC TRANSACTION MESSAGE, DIGITAL  
SIGNATURE DERIVED THEREFROM, AND SENDER IDENTITY  
INFORMATION IN AADS SYSTEM

As the below named inventors, we declare that:

This declaration is directed to the invention titled: " SENDING ELECTRONIC TRANSACTION MESSAGE, DIGITAL SIGNATURE DERIVED THEREFROM, AND SENDER IDENTITY INFORMATION IN AADS SYSTEM"

We believe that we are the original and first inventors of the subject matter which is claimed and for which a patent is sought;

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

We acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTORS:**

Inventor 1: Mr. Lynn Henry Wheeler	Inventor
Signature :	Citizen of : US
Inventor 2: Ms. Anne M. Wheeler	Inventor
Signature :	Citizen of : US

Type a plus sign (+) inside this box → ☐

PTO/SB/04 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**SUPPLEMENTAL  
DECLARATION FOR UTILITY  
OR DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

**Attorney Docket Number** 10399-29854

**First Named Inventor** WHEELER et al.

**COMPLETE IF KNOWN**

**Application Number** 09/189,159

**Filing Date** 11/9/1998

**Group Art Unit** 2766

**Examiner Name** K. ZAND

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Authority Account Digital Signature (AADS) System

(Title of the invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

11/9/1998

as United States Application Number or PCT International

Application Number 09/189,159

and was amended on (MM/DD/YYYY)

09/27/2001

(if applicable).

09/27/2001

I hereby declare that the subject matter of the ☐ attached amendment ☒ amendment filed on was part of my or our invention and was invented before the filing date of the original application, above identified for such invention.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the natural or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Type e plus sign (+) inside this box → ☐

PTO/SB/04 (03-01)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**SUPPLEMENTAL DECLARATION — UTILITY OR DESIGN PATENT APPLICATION**Direct all correspondence to: ☐ Customer Number  
or Bar Code Label

26702

OR ☒ Correspondence address below

Name Chad D. TILLMAN

Address MORRIS, MANNING &amp; MARTIN, LLP

Address 6000 Fairview Road, Suite 1125

City Charlotte

State NC

ZIP 28210

Country US

Telephone 704-554-7070

Fax 704-556-9554

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventorGiven  
Name

Henry Lynn

Family Name  
or Surname

WHEELER

Inventor's  
Signature

Henry Wheeler

Date 1/14/2002

Residence: City

Greenwood Village

State

CO

Country

80111

Citizenship

US

Mailing Address One Cannon Drive

Mailing Address

City

Greenwood Village

State

CO

ZIP

80111

Country

US

Name of Second Inventor:

☐ A petition has been filed for this unsigned inventorGiven  
Name

Anne M.

Family Name  
or Surname

WHEELER

Inventor's  
Signature

Anne M Wheeler

Date 1/14/2002

Residence: City

Greenwood Village

State

CO

Country

US

Citizenship

US

Mailing Address

One Cannon Drive

Mailing Address

City

Greenwood Village

State

CO

ZIP

80111

Country

US

☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MAY 10, 1999

PTAS

JONES & ASKEW, LLP  
JOHN R. HARRIS  
191 PEACHTREE STREET, N.E.  
37TH FLOOR  
ATLANTA, GA 30303-1769



\*100966566A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/08/1999

REEL/FRAME: 9755/0968  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WHEELER, ANNE MCAFEE

DOC DATE: 02/03/1999

ASSIGNOR:

WHEELER, LYNN HENRY

DOC DATE: 02/03/1999

ASSIGNEE:

FIRST DATA CORPORATION  
5660 NEW NORTHSIDE DRIVE  
ATLANTA, GEORGIA 30328

SERIAL NUMBER: 09189159  
PATENT NUMBER:

FILING DATE: 11/09/1998  
ISSUE DATE:

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

02-18-1999

U.S. DEPARTMENT OF COMMERCE  
Patent & Trademark Office

T

100966566

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

2. 8.99

1. Name of conveying party(ies):  
**ANNE MCAFEE WHEELER  
LYNN HENRY WHEELER**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: \_\_\_\_\_

2. Name and address of receiving party(ies):

Name: **FIRST DATA CORPORATION**Address: **5660 New Northside Drive**City **Atlanta** State **Georgia** ZIP **30328**Additional name(s) & address(es) attached? ☐ Yes ☒ No4(a). Patent Application No.(s): **09/189,159**

4(b). Patent No.(s):

If this document is being filed together with a new application, the execution date of the application is: **N/A**Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: **John R. Harris**Address: **JONES & ASKEW, LLP  
37th Floor, 191 Peachtree Street, N.E.  
Atlanta, Georgia 30303-1769**

6. Total number of applications and patents involved: **one**

7. Total fee (37 CFR 3.41) enclosed: **\$ 40.00****DO NOT USE THIS SPACE**

8. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

*I certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents & Trademarks, Washington, DC 20231, on the date given below.*

John R. Harris

Name of Person Signing

John R. Harris  
SignatureFeb. 4, 1999

Date

Attorney Docket No.: **06900-0110** Total number of pages including cover sheet: **four**

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks  
Box Assignments  
Washington, DC 20231

02/11/1999 MMARMOL 00000033 09189159

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40.00 00

## ASSIGNMENT

WHEREAS, we, **Anne McAfee Wheeler**, a citizen of the United States of America, residing at 1195 Teresa Lane, Morgan Hill, California 95037; and **Lynn Henry Wheeler**, a citizen of the United States of America, residing at 1195 Teresa Lane, Morgan Hill, California 95037, have invented certain inventions and improvements disclosed in an application for Letters Patent entitled "**Account Authority Digital Signature**" filed at the U.S. Patent and Trademark Office on November 9, 1998, and assigned Serial No. 09/189,159; and

WHEREAS, **First Data Corporation**, a corporation of the State of Delaware having a principal place of business at 5660 New Northside Drive, Atlanta, Georgia 30328, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **Anne McAfee Wheeler** and **Lynn Henry Wheeler**, by these presents do sell, assign and transfer unto **First Data Corporation**, the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to **First Data Corporation**, as the assignee, for its interest and for the sole use and benefit of **First Data Corporation** and its assigns and legal representatives;

For the same consideration, we, by these presents do sell, assign, and transfer to **First Data Corporation**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights

arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of First Data Corporation, or its designee insofar as permitted by applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid First Data Corporation, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Anne McAfee Wheeler  
Anne McAfee Wheeler

STATE OF Colorado  
County of Arapahoe

Before me, a Notary Public in and for the State of Colorado on this 3rd day of February, 1999, personally appeared Anne McAfee Wheeler, who being duly sworn, signed and acknowledged the foregoing Assignment as her free act and deed.



Michelle Winkler  
NOTARY PUBLIC

My Commission Expires: 7-3-2000

*Signatures Continued on Following Page*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

WHEELER et al. )  
Serial No.: 09/189,159 )  
Filed: November 11, 1998 )  
For: *Account Authority Digital Signature* )  
Docket No.: 10399-29854 )

Via First Class Mail

Commissioner for Patents  
Washington, DC 20231

**37 C.F.R. §3.73(b) STATEMENT AND POWER OF ATTORNEY**

First Data Corporation, the Assignee for the above-identified U.S. Patent Application (hereinafter "Patent Application") and the invention disclosed therein, hereby states pursuant to 37 C.F.R. §3.73(b) that the Assignee is now the sole owner of the Patent Application to the exclusion of each inventor thereof.

The Assignee establishes its ownership by submission herewith of a copy of an Assignment from each inventor of the Patent Application. As the established owner of the Patent Application, the Assignee hereby invokes its right to conduct prosecution of the Patent Application to the exclusion of each named inventor.

The Assignee further hereby revokes any and all powers of attorney previously given in the Patent Application and appoints the Attorneys and Patent Agents of Morris Manning & Martin, L.L.P., associated with the below Customer Number (026702) in the records of the U.S. Patent & Trademark Office and as updated from time to time, to prosecute the Patent Application and to transact all business in the U.S. Patent & Trademark Office connected therewith.

**POWER OF ATTORNEY:**



**26702**

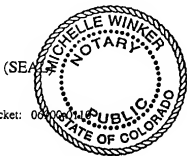
PATENT TRADEMARK OFFICE



Lynn Henry Wheeler  
Lynn Henry Wheeler

STATE OF Colorado  
County of Arapahoe

Before me, a Notary Public in and for the State of Colorado, on this 3rd  
day of February, 1999, personally appeared Lynn Henry Wheeler, who being duly  
sworn, signed and acknowledged the foregoing Assignment as his free act and deed.



J&A Docket: 00400-1416

Michelle Winker  
NOTARY PUBLIC

My Commission Expires: 7-3-2000

All correspondence in this case should be directed to the same Customer Number.

The Assignee hereby declares that no other person or entity is authorized to take any action before the U.S. Patent & Trademark Office with respect to the Patent Application. The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

First Data Corporation

By:

Henry M. Abelman

Henry M. Abelman  
Assistant Secretary

Date

8 / 5 / 2001